

**TENDRING RURAL DISTRICT
COUNCIL.**



ANNUAL REPORT
of
The Medical Officer of Health
for 1938



COLCHESTER :
THE ESSEX COUNTY TELEGRAPH.

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Tendring Rural District Council.

Chairman : Mr. H. M. POOLE, J.P.

Vice-Chairman : Mr. G. E. McC. KEMBALL.

MEMBERS OF THE PUBLIC HEALTH COMMITTEE.

Chairman : Mr. G. E. McC. KEMBALL.

Vice-Chairman : Mr. H. R. CARTER

The Rt. Hon. Viscountess BYNG OF VIMY	Mr. G. K. MITCHELL
Mr. F. CAMPLING	Mr. L. G. NEWMAN
Mr. H. R. CARTER	Mr. F. NORMAN
Mr. Q. R. CLARKE	Mr. H. M. POOLE
Mr. J. R. CRIDGE	Mr. H. L. ROSE
Miss K. DANIELS, J.P.	Mr. G. S. SEAGER
Mr. T. W. FIELD	Mr. P. B. SMITH
Mr. F. A. GIRLING	Mr. S. A. WEELEY, J.P.
Mr. A. E. HILLARY, J.P.	Mr. W. E. L. WORN
Mr. L. T. HINNELL	

HARWICH PORT SANITARY AUTHORITY.

Tendring Representatives : Messrs. G. E. McC. Kemball, H. M. Poole and C. J. Saunders.

BRIGHTLINGSEA AND TENDRING SHELL FISH COMMITTEE.

Tendring Representatives : Messrs. Q. R. Clarke, G. E. McC. Kemball and L. G. Newman.

PUBLIC HEALTH OFFICERS.

J. RAMSBOTTOM, M.B., Ch.B., D.P.H., Medical Officer of Health.
J. E. HALL, C.R.S.I., Chief Sanitary Inspector.
R. E. E. WILLIAMS, C.R.S.I., Sanitary Inspector.
R. G. DEBNAM, Clerk.
F. G. LAMBERT.

Health Office,

Weeley,

June, 1939.

To the Chairman and Members of the Tendring Rural District Council.

Sir and Gentlemen,

I have the honour to present for your consideration the Annual Report upon the Health and Sanitary circumstances of your District during 1938.

I am pleased to be able to draw your attention to several outstanding features in the vital statistics for the year which tend to show the state of health in your District, viz. :—

Corrected death rate ..	9·3	(11·6)*
Infectious disease rate ..	20·6	(5·42)*
Infantile Mortality	35·8	(53·0)*
Maternal Mortality	11·02	(3·08)*

I wish to express my appreciation of the co-operation of the Chief Sanitary Inspector and the Public Health Staff.

For the assistance and consideration received during the year I desire to thank the Council.

I remain, Gentlemen,

Your obedient servant,

J. RAMSBOTTOM.

* Figures in brackets indicate corresponding figures for England and Wales.

Section A.

Statistics and Social Conditions of the Area.

GENERAL STATISTICS.

Area	acres	66,921
Registrar-General's estimate of resident population mid-1938		22,730
Number of inhabited houses (end of 1938) according to Rate Books		6,850
Rateable value		£95,765
Sum represented by a penny rate		£380

SOCIAL CONDITIONS.

The occupations of the inhabitants of the Tendring R.D. vary according to the locality. The central and extreme N.W. is occupied by an agricultural population. During the past five years this has been gradually augmented by some 544 persons, who have been transferred from the distressed areas through a land settlement scheme which is in operation in the parishes of Ardleigh and Lawford.

At the north of the District is an industrial area (Mistley, Manningtree and part of Lawford), the inhabitants finding employment in the Maltings, Shipyards, Timber Importing, Waterworks, and also the Xylonite Works at Brantham (Suffolk). At the north-east corner is Parkeston, in the Parish of Ramsey, which is occupied almost exclusively by employees of the L.N.E.R. There is a large explosive works at Great Oakley, and the R.N. Mining Depot at Wrabness. Throughout the District there is a large population of retired pensioners, which is more in evidence in the southern and south eastern area.

EXTRACTS FROM VITAL STATISTICS.

Births.	Total	Male	Female	Birth Rate
Live Births—Legitimate	344	179	165	15·97
Illegitimate ..	19	13	6	
Total Live Births.....	363	192	171	
Stillbirths—Legitimate	15	6	9	Rate per
Illegitimate ..	—	—	—	1,000 total
Total Stillbirths	15	6	9	(live and
				still) births
				39·68
				Death Rate
				(crude)
Deaths	261	147	114	11·48

The above figure of 11·48 represents the crude Death Rate for the Tendring Rural District. To make this comparable with the contemporaneous crude death rate for the country as a whole it is necessary to multiply this figure by the comparability factor of ·81 as supplied by the Registrar-General. This gives a corrected local death rate of 9·30, which is comparable with the death rate for the country as a whole.

DEATHS FROM DISEASES AND ACCIDENTS OF PREGNANCY AND CHILD BIRTH.

Cause	Deaths	Rate per 1,000 live and stillbirths
Puerperal Sepsis	0	Nil
Other Puerperal Causes	4	10·58
Total	4	10·58

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

	Total	Legitimate	Illegitimate
Actual number of deaths	13	11	2
Death Rate of all infants per 1,000 live births			35·81
Death Rate of legitimate infants per 1,000 legitimate births ..			31·98
Death Rate of illegitimate infants per 1,000 illegitimate births ..			105·26
		Infantile Death Rate	35·81

DEATHS FROM MEASLES, WHOOPING COUGH AND DIARRHOEA.

Deaths from Measles (all ages)	Nil
Deaths from Whooping Cough (all ages)	1
Deaths from Diarrhoea (under 2 years)	Nil

DEATHS FROM TUBERCULOSIS, CANCER AND INFLUENZA AND THE DEATH RATE PER 1,000 DURING 1938.

Disease.	Deaths.		Death Rate
Tuberculosis	Pulmonary	3	} 6 ·26
	Non-Pulmonary	3	
Cancer		37	1·63
Influenza		4	·17
Infectious Diseases		4	·17

INFANTILE DEATHS.

The following table shows the cause and age at death of each of the 13 infantile deaths :—

	Under one week	One week to one month	One month to two months	Two months to four months	Four months to six months	Six months to one year	Total
Premature Birth	3	—	—	—	—	—	3
Marasmus	1	—	1	—	—	—	2
Inanition	1	—	—	—	—	—	1
Congenital Heart Disease	1	—	—	—	—	—	1
Malformations	1	—	—	—	—	—	1
Haemorrhage.. ..	1	—	—	—	—	—	1
Intestinal Intussusception	—	—	—	—	1	1	2
Broncho Pneumonia	—	—	—	—	—	1	1
Influenza	—	—	1	—	—	—	1
Total	8	—	2	—	1	2	13

Vital Statistics for five consecutive years.

The following table shows the statistics for the Tendring Rural District for the past five years :—

	1934	1935	1936	1937	1938
Birth Rate	13·83	16·24	13·81	14·18	15·97
Death Rate (crude)	12·8	11·63	12·96	12·78	11·48
Infantile Death Rate	49·7	51·1	64·9	21·6	35·81
Death Rate due to Tuberculosis ..	·69	·40	·22	·39	·26
Death Rate due to Cancer ..	1·97	1·16	1·66	1·88	1·63
Death Rate due to Infectious Disease	Nil	·04	·04	·13	·17
Deaths of women in or in consequence of Child Birth	4	2	1	Nil	4

COMPARATIVE STATISTICS.

Comparative Statistics Tendring Rural District and England and Wales as a whole, 1938 :—

Rates per 1,000 Population.

	T.R.D.C.	England & Wales	125 County Boro's and Great Towns including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
Births :—					
Live	15·97	15·1	15·0	15·4	13·4
Still	·66	·60	·65	·60	·48
Deaths :—					
All Causes (corrected) ..	9·3	11·6	11·7	11·0	11·4
Typhoid and Paratyphoid Fevers	·00	·00	·00	·00	·00
Smallpox	—	—	—	—	—
Measles	·00	·04	·05	·03	·06
Scarlet Fever	·00	·01	·01	·01	·01
Whooping Cough	·04	·03	·03	·02	·03
Diphtheria	·00	·07	·07	·06	·05
Influenza	·17	·11	·10	·11	·06
Violence	·39	—	—	—	—
Notifications :—					
Smallpox	·00	·00	·00	·00	·00
Scarlet Fever	·79	2·41	2·60	2·58	2·05
Diphtheria	·39	1·58	1·85	1·53	1·90
Enteric Fever	—	·03	·03	·04	·05
Erysipelas	·13	·40	·46	·39	·46
Pneumonia	·75	1·10	1·28	·98	·98

RATES PER 1,000 LIVE BIRTHS.

Deaths under 1 year of age	35·8	53·0	57·0	51·0	57·0
Deaths from Diarrhoea and Enteritis under 2 years of age	Nil	5·5	7·8	3·6	13·1
Maternal Mortality :—					
Puerperal Sepsis	Nil	·89	} Not available		
Others	11·02	2·19			
Total	11·02	3·08			

RATES PER 1,000 TOTAL BIRTHS (i.e. LIVE AND STILL).

Maternal Mortality :—

Puerperal Sepsis	Nil	·86	
Others	10·58	2·11	Not available
Total	10·58	2·97	

Notifications :—

Puerperal Fever	}	..	15·87	14·42	18·08	12·51	18·99
Puerperal Pyrexia							

Causes of and Ages at time of Death.

Disease	Male	Female	Total	Under 1 year	1—2 years	2—5 years	5—15 years	15—25 years	25—35 years	35—45 years	45—55 years	55—65 years	65—75 years	75 and over
Typhoid and Paratyphoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	1	1	—	—	—	1	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza	2	2	4	—	—	—	—	—	1	1	1	1	—	—
Encephalitis Lethargica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of Respiratory System	2	1	3	—	—	—	—	—	1	1	—	1	—	—
Other T.B. Diseases ..	1	2	3	—	1	—	1	—	1	—	—	—	—	—
Syphilis	2	—	2	—	—	—	—	—	—	1	1	—	—	—
G.P.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer	23	14	37	—	—	—	—	—	—	—	3	8	16	10
Diabetes	1	2	3	—	—	—	—	—	—	—	—	1	1	1
Cerebral Haemorrhage ..	6	10	16	—	—	—	—	—	—	—	—	2	7	7
Heart Disease	26	27	53	—	—	—	1	—	2	3	2	3	19	23
Aneurism	—	1	1	—	—	—	—	—	1	—	—	—	—	—
Other Circulatory Diseases	13	10	23	—	—	—	—	1	—	—	3	3	8	8
Bronchitis	7	1	8	—	—	—	—	—	—	—	1	1	3	3
Pneumonia (all forms) ..	5	8	13	1	1	1	—	—	1	2	2	1	4	—
Other Respiratory Diseases	1	2	3	—	—	—	—	—	—	—	1	2	—	—
Peptic Ulcer	4	1	5	—	—	—	—	—	—	1	3	—	1	—
Diarrhoea (under 2 years)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis	—	1	1	—	—	—	1	—	—	—	—	—	—	—
Cirrhosis of the Liver ..	2	—	2	—	—	—	—	—	—	—	—	1	—	1
Other Liver Diseases ..	—	1	1	—	—	—	—	—	—	1	—	—	—	—
Other Digestive Diseases	5	2	7	—	—	—	—	—	—	1	1	1	2	2
Acute and Chronic Nephritis	4	1	5	—	—	—	—	—	—	—	1	2	2	—
Puerperal Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Puerperal Diseases	—	4	4	—	—	—	—	—	4	—	—	—	—	—
Congenital Debility, Premature Birth, etc. ..	8	2	10	10	—	—	—	—	—	—	—	—	—	—
Senility	8	10	18	—	—	—	—	—	—	—	—	—	4	14
Suicide	1	1	2	—	—	—	—	—	—	—	—	2	—	—
Other Violence	5	2	7	—	—	—	—	1	—	—	2	1	2	1
Other Defined Diseases ..	18	7	25	2	—	2	—	—	—	2	2	5	6	6
Ill Defined or Unknown ..	1	—	1	—	—	—	—	—	—	—	—	—	—	1
Poliomyelitis	2	1	3	—	1	—	1	1	—	—	—	—	—	—
Total			261	13	3	3	5	3	11	13	23	35	75	77

Section B.

General Provision of Health Services.

PUBLIC HEALTH OFFICERS OF THE TENDRING RURAL DISTRICT.

Staff of the Tendring Rural District Council.

Public Health Department.

Medical Officer of Health.—J. Ramsbottom, M.B., Ch.B., D.P.H. Also acts as Assistant County Medical Officer for the same area, and M.O.H. U.D. of Brightlingsea.

Chief Sanitary Inspector.—J. E. Hall, C.R.S.I.

Sanitary Inspector.—R. E. E. Williams, C.R.S.I.

Clerk.—R. G. Debnam.

F. G. Lambert

LABORATORY FACILITIES.

Bacteriological examinations are carried out by the County Laboratory, 91, Queen Victoria Street, London, E.C.4. The number of specimens examined during 1938 are as follows, according to figures supplied by the County Council :—

Nature of Specimen.							Number examined.
Diphtheria ..	..	..	..	..	..	..	29
Sputa ..	..	..	..	..	..	..	14
Typhoid ..	..	..	..	..	..	..	1
Ringworm ..	..	..	..	..	..	..	—
Miscellaneous ..	..	..	..	..	..	..	18
Ice Cream ..	..	..	..	..	..	..	—
Water ..	..	..	..	..	..	..	45
Total ..						..	107

AMBULANCE FACILITIES.

The Tendring Rural District Council is one of the contracting parties with other local and Ambulance Authorities in a combined Ambulance Service operating in the North Eastern portion of the County. The Scheme is working satisfactorily.

NURSING IN THE HOME.

There has been no change in the arrangements for General Nursing. The home nursing of Infectious Disease is not undertaken by the Council.

CLINICS AND TREATMENT CENTRES.

During the year the following changes have been made in the clinics serving this area.

The Mistley Welfare Centre has moved from the Mistley Institute to the Wesleyan Hall, Manningtree and in future will be known as the Manningtree and District Child Welfare Centre. This was due to the increase in the attendance at the clinics, causing the previous accommodation to become inadequate.

A Medical Officer now attends at Great Bromley and a Child Welfare Clinic has been commenced in the village of St. Osyth, at the Johnson's Institute.

Below is given a list of the Clinics available to persons in this Area.

Maternity and Child Welfare	Combined Treatment Centre, Weeley	1st and 3rd Fridays 2.30-4.30	Essex County Council
„	Wesleyan School, Parkeston	1st and 3rd Tuesdays 2.30-4.30	Parkeston Distr't Nursing Associa- tion and E.C.C.
„	Wesleyan Hall, Manningtree	2nd Tuesday 2.30-4.30	Manningtree and District M. and C.W. Committee and E.C.C.
„	Village Hall, Great Bromley	4th Tuesday 2.30-4.30	E.C.C.
„	Johnson's Institute St. Osyth,	2nd Wed. 2-4	E.C.C.
Tuberculosis	Combined Treatment Centre, Weeley	Each Saturday 11-12	E.C.C.
„	Tuberculosis Dispen- sary, 26, West St., Harwich	Each Tuesday 11.30-1	E.C.C.
School Clinic	Combined Treatment Centre, Weeley	1st and 3rd Fridays 11.30-1	E.C.C.
Venereal Disease	Essex County Hospital, Colchester		E.C.C.
Special Clinics :			
Ophthalmic	Clacton-on-Sea		E.C.C.
Orthopaedic	Harwich and Colchester		

HOSPITALS.

No changes have been made in the hospital services during the year.

MIDWIVES AND REGISTERED NURSING HOMES.

There are 12 District Nurse Midwives and 2 midwives in private practice resident in the district.

There is also a registered nursing home (maternity) in the parish of Great Bentley.

Section C.

Sanitary Circumstances of the Area.

Including the Report of the Sanitary Inspector.

WATER.

Seventeen of the 24 parishes have available a piped supply either direct from the Tendring Hundred Waterworks Company's mains or through those of the Clacton U.D. (i.e., Parishes of Great Bentley and St. Osyth).

There has been no extensions of mains during 1938 with the exception of a short length in Golden Lane, Thorpe-le-Soken.

A scheme for conveying a supply to those villages in the South Western portion of the District is under consideration, and further, it has been decided to extend the main to Little Bentley forthwith. This parish suffers from lack of water during dry periods.

DRAINAGE AND SEWERAGE.

St. Osyth.

One thousand three hundred yards of new sewers were laid in the parish, and also 1,000 yards of existing defective sewers were replaced.

Lawford.

The new sewer in Long Road and Melton Road, Lawford, was commenced during the year. When completed this will extend the existing sewer 1,300 yards.

RIVERS AND STREAMS.

No work has been carried out during 1938 with the primary object of protecting the streams of this area.

CLOSET ACCOMMODATION.

Below is given the approximate number of closets of each type in the district :—

Privies	..	..	..	..	..	..	8 per cent.
Earth Closets	..	..	..	..	..	..	51 „ „
Water Closets	..	..	..	..	..	..	41 „ „

PUBLIC CLEANSING.

Public Cleansing is carried out by contractors, a weekly collection being made at Parkeston and the Mistley, Manningtree and Lawford area. In the rest of the district unburnable household refuse is collected quarterly in most Parishes and six times a year in Little Clacton, Thorpe and St. Osyth. The refuse is disposed of by controlled tipping.

SANITARY INSPECTION OF THE AREA.

See Sanitary Inspector's Report.

SHOPS AND OFFICES.

See Sanitary Inspector's Report.

CAMPING SITES.

1. Number of sites used for camping purposes during 1938 .. 30
2. Number of camping sites in respect of which Licenses issued 6
3. Estimated maximum number of campers resident in area
first week in August 2636

SMOKE ABATEMENT.

See Sanitary Inspector's Report.

SWIMMING BATHS.

In the ordinary sense there are no swimming pools or baths in the area of the Rural District Council.

A portion of the bed of the River Stour in Mistley has been artificially isolated for bathing purposes. This is under the management of the local inhabitants. There is also a private swimming pool at Point Clear owned by the Bee-Hive Engineering Company's Estate.

ERADICATION OF BED BUGS.

Below are particulars of action taken by this Council with respect to the eradication of bed bugs:—

1—Number of Infested Houses :

(a) Council Houses	..	..	..	..	..	Nil
(b) Other Houses	..	..	..	..	..	7

Number of Houses Disinfested :

(a) Council Houses	..	..	..	..	..	Nil
(b) Other Houses	..	..	..	..	..	7

2—The method employed for the eradication of the bed bug is the use of a liquid insecticide (Zaldecide) repeated as often as necessary.

3—The occasion has not yet arisen where a prospective tenant for a Council house inhabits a known bug-infested house.

4—All work has been carried out by the local authority.

5—Personal interview and instructions to prevent further infestation is given by the staff of the local authority in each case.

SCHOOLS.

Close co-operation exists between the Education Authority and the Local Council in all matters relating to the health of the school children.

ANNUAL REPORT OF SANITARY INSPECTOR, 1938.

TABULAR STATEMENT.

1—Complaints received and dealt with 150

2—DRAINAGE AND SEWERAGE.

				Drains altered or repaired	Redrained to sewer	Redrained to cesspool
Ardleigh ..	..	..	..	2	—	2
Bentley, Great		..	..	—	2	—
Bradfield ..	..	..	..	—	—	1
Elmstead	..	..	..	1	1	3
Lawford ..	..	..	..	2	1	2
Manningtree	..	..	..	—	1	—
St. Osyth	..	..	..	11	23	1
Tendring ..	..	..	..	—	1	1
Thorpe ..	..	..	..	3	3	2
Thorington	..	..	..	2	—	2
Weeley ..	..	..	..	1	1	1
Wix ..	..	..	..	1	—	1
Frating ..	..	..	..	—	—	1
				—	—	—
Totals ..	..	..	..	23	33	17
				—	—	—

House drains, laid 4ins.	..	..	..	..	..	2,321	feet
House drains, laid 6ins.	..	..	..	..	..	—	feet
New gullies	..	..	..	..	..	28	
New cesspools	..	..	..	..	..	3	
New vent shafts	..	..	..	..	..	7	
New inspection chambers	..	..	..	..	..	30	
New interceptors	..	..	..	..	..	—
New water closets	..	..	..	..	..	17	

3—PUBLIC CLEANSING. Refuse Collection by Contract.

Weekly collections	..	Cost £415	..	..	1,500	houses
Quarterly collections of unburnable refuse	..	Cost £299	..	..	5,352	houses

(Weekly collection area extended in Lawford Parish).

4—SMOKE ABATEMENT.

Complaints received	1
---------------------	----	----	----	----	----	---

5—TENTS, VANS AND SHEDS (Camping Sites).

Complaints received and dealt with	..	..	..	..	2
Licenses issued: Land	..	..	..	..	2
Individual Moveable Dwellings	..	..	..	..	4

6—SCHOOLS.

Elementary Schools were disinfected.	Disinfections	—
--------------------------------------	---------------	----	----	---

7—HOUSING.

(a) Houses built	..	..	..	..	..	106
(b) Houses demolished by formal action	..	..	..	..	..	15
Houses made fit by formal action	..	..	..	..	..	3
Houses closed by formal action	..	..	..	..	..	1
Houses placed in clearance areas	..	..	..	..	..	Nil
Houses in clearance areas demolished	..	..	..	..	..	Nil

Houses demolished by formal action :

		Houses	Persons Displaced
Brought forward from previous year	..	63	108
Owner.			
64—Wix, Great Burroughs	.. Stunt & Son	1	0
65—Manningtree, Quay Street	.. Taylor & Butler	1	0
66—Bradfield, near Church	.. Mr. Brunning	1	0
67—Wix, Colchester Road	.. Mr. Dunnett	1	1
68—Thorpe, Hill House Lane	.. Mr. Partridge	1	4
69—Thorpe, Hill House Lane	.. Mr. Partridge	1	3
70—Thorpe, Hill House Lane	.. Mr. Partridge	1	2
71—Thorpe, Hill House Lane	.. Mr. Partridge	1	0
72—Thorington, Brightlingsea Road	.. Mr. Dawes	1	3
73—Bradfield, Barrack Street	.. Mr. Cutting	1	0
74—Bradfield, Barrack Street	.. Mr. Cutting	1	0
75—Lawford, Station Road	.. Mrs. Mountain	1	0
76—Great Bromley, Dairylands	.. Mr. Tearle	1	0
77—Great Bromley, Dairylands	.. Mr. Tearle	1	1
78—Great Bromley, Dairylands	.. Mr. Tearle	1	0
Total	.. ..	78	122

Houses made fit on formal action :

Brought forward	..	..	..	..	7
Wix, Waterloo Cottage	..	Mr. Hooks	..	..	1
Mistley, Horsley Cross, Ivy Cottage	..	..	..	..	1
Beaumont, Workhouse Cottages	..	..	..	..	2
Total	..	..	..	..	11

Houses closed on formal undertaking :

Brought forward ..	..	..	..	..	2
Thornington, Rillside	..	Mr. Papillion	..	..	1
Total ..					3

CLEARANCE AREAS.

C.A. No.	Parish.	Situation.	Orders Made.	Orders Confirmed
1	Ramsey ..	.. Mill Cottages ..	13	11
2	Ramsey ..	.. The Street ..	3	3
3	Ramsey ..	.. Whinney Grove Cottages	6	6
4	Great Oakley ..	.. Queen Street ..	10	6
5	Great Oakley ..	.. Maltings Cottages ..	7	7
6	Great Oakley ..	.. Palmers Cottages ..	4	4
7	Wix ..	.. Colchester Road ..	2	—
8	Wix ..	.. Harwich Road ..	5	—
9	Beaumont..	.. Old Workhouse Cottages	2	—
10	Thornington ..	.. Lion Cottages ..	4	4
11	Great Bentley ..	.. Green Corner ..	8	8
12	Alresford ..	.. Station Cottages ..	2	2
13	Frating ..	.. Hagers Lane ..	3	3
14	Elmstead ..	.. Boarded Row ..	10	10
15	Elmstead ..	.. School Lane ..	3	3
16	Elmstead ..	.. Sunnyview Cottages ..	3	3
17	Elmstead ..	.. The Heath ..	4	4
18	Elmstead ..	.. Cockaynes Cottages ..	4	4
19	St. Osyth ..	.. Mill Street ..	3	3
20	Thorpe ..	.. The Street ..	2	2
21	Tendring ..	.. Little Bentley Road ..	2	2
22	Tendring ..	.. The Street ..	3	3
23	Ardleigh ..	.. Frisky Row ..	2	2
24	Manningtree ..	.. Brook Street and Mill Lane ..	6	6
25	Manningtree ..	.. Railway Street ..	3	3
26	Manningtree ..	.. South Street and Brook Street	7	2
27	Manningtree ..	.. Regent Street and South Street	8	5
28	Manningtree ..	.. Quay Street ..	6	6
29	Mistley ..	.. Beckford Road ..	3	3
30	Mistley ..	.. The Huts ..	3	3
31	Lawford ..	.. Marsh Row ..	9	9
32	Lawford ..	.. Colchester Road ..	9	6
33	Bradfield ..	.. The Street ..	2	2
34	Bradfield ..	.. King Street ..	2	2
Total Houses ..			163	142

(c) Overcrowding :—

Complaints received ..	..	2
Houses discovered in overcrowded state ..	..	2
Overcrowding abated during year ..	..	3
Houses for which permitted number certificate issued ..	..	17

(d) Destruction of Vermin in Houses :—

Houses dealt with	7
----------------------	----	---

(e) Repairs, etc., to Houses :—

Closet accommodation :

New structures	1
Structure repaired	3
Windows provided	—
Pails provided	4
New w.c. pans	—
Flushing apparatus provided	—

Dampness :

Eaves gutters provided	—
Eaves gutters repaired	5
Roofs repaired	6
Walls remedied	19

Water supply :

Wells repaired or cleansed	5
Water laid on from main	12
New wells	1

Miscellaneous :

Windows repaired	13
Additional windows	1
New stoves provided	—
Stoves repaired	2
Floors repaired	8
Doors repaired	2
Stairs repaired	—
Ceiling plaster repaired	11
Wall plaster repaired	19
Chimneys repaired	3
Coppers repaired	1
Dustbins provided	42
Yard paving repaired	—

MILK AND DAIRIES ORDER.

(a) Cowsheds visited 93

(b) The following work has been carried out at cowsheds and dairies during the year :—

Alresford :	No. 302. All channels deepened. Standings shortened. Walls of cowsheds rendered.
Ardleigh :	No. 298. New standings and channels provided for 26 cows. Three new windows. Three concrete approaches. New Dairy and washing-up room. Water laid on to cowshed. 160ft.-4ins. drain. Four inspection chambers. Five gullies.
Beaumont :	No. 295—One new cowshed for 8 cows. New dairy and washing-up room. Concrete approach. 170ft.-4ins. drain. Main water laid on. Two inspection chambers. Five gullies.
Bentley, Great:	No. 202. Well brought up above surface level. New top provided.
Bentley, Great:	No. 292. Building constructed for 24 cows. 170ft.-4ins. drain. Two inspection chambers. One gully.
Bentley, Little:	No. 299. New cowshed to tie 17 cows. New washing-up room. Concrete approach. Main water laid on. 50ft.-4ins. drain. One gully. One inspection chamber. One cesspool.
Clacton, Little :	No. 23a—New cowshed for 8 cows. New dairy and washing-up room. Concrete approach. 90ft.-4ins. drain. Five drain inlets. One vent. One cesspool. Main water laid on.
St. Osyth;	No. 297. New standings and channels for 5 cows.

(c) Milk (Special Designations).

Licences issued to produce pasteurized	..	..	..	1
Supplementary licences to sell pasteurized	..	..	..	3

(d) Milk Samples.

Taken by Tendring R.D.C. :				Satisfactory.	Unsatisfactory.
Grade A T.T. producers				..	—
Accredited producers				24
Pasteurized producers				9
Ordinary producers				19
					5
Taken by Essex County Council :					
Bacteriological				266
Biological				99
					45
					4

10. INSPECTION OF MEAT AND OTHER FOODS.

(a) Diseased Meat Surrendered.

				Cattle		Pigs		Sheep		Calves	
				T.B.	Other	T.B.	Other	T.B.	Other	T.B.	Other
Carcases	..	..	..	—	—	1	12	—	4	—	—
Forequarters		..	..	—	—	—	—	—	—	—	—
Hindquarters		..	..	—	—	—	4	—	1	—	—
Heads	..	..	..	3	1	13	—	—	—	—	—
Lungs	..	..	..	1	1	1	3	—	—	—	—
Hearts	..	..	..	—	1	—	—	—	—	—	—
Plucks	..	..	..	—	—	3	5	—	—	—	—
Mesenteries	..	..	..	1	—	9	1	—	—	—	—
Livers	..	..	..	1	1	2	1	—	—	—	1
Intestines	..	..	..	—	—	1	—	—	—	—	—
Kidneys	..	..	..	—	2	—	2	—	—	—	—
Skirts	..	..	..	—	—	—	2	—	—	—	—
Spleens	..	..	..	1	—	—	—	—	—	—	—
Sets of Offal		..	..	—	—	1	—	—	—	—	—
Stomachs	..	..	..	—	—	—	2	—	—	—	—
Trotters	..	..	..	—	—	—	—	—	—	—	—
Sirloins	..	..	..	—	2	—	—	—	—	—	—
Flanks	..	..	..	—	1	—	—	—	—	—	—
Udders	..	..	..	—	—	2	—	—	—	—	—

Also surrendered 120lbs. Chilled Beef, 14lbs. Corned Beef, 13 Chickens,
40 Drums Malt Extract.

(b) Numbers of Animals Inspected.

Cattle				Sheep	
excluding cows	Cows	Calves		and lambs	Pigs
210	—	29		266	1034

(c) Slaughterhouses licensed at end of year	..	..	..	15
New slaughterhouses built	..	..	..	—
Taken off register	..	..	..	—
Slaughtermen giving notice of regular day and time	..	..	..	17
Notification of suspicious disease	..	..	..	92
Meat seized and taken before Magistrate	..	..	..	—
Meat voluntarily surrendered	..	..	..	2,970 lbs.
Visits to slaughterhouses	..	..	..	369
Butcher's Shops : Number	..	..	..	—
Visits	..	..	..	24
Fish Shops : Number	..	..	..	22
Visits	..	..	..	—
Ice Cream Premises : Number registered	..	..	..	31
Number of visits	..	..	..	7

11. RATS AND MICE DESTRUCTION ACT.

Complaints received	5
The Council paid the sum of twopence per tail for rats caught in November.	
Number of tails brought in	9,478

12. DISINFECTION.

Houses disinfected	55
Schools disinfected	29

13. KEEPING OF ANIMALS.

Number of complaints	1
------------------------------	---

14. SHOPS ACT, 1934.

Approximate number of shops in district	300
Number inspected	Nil

15. FACTORIES AND WORKSHOPS.

Number on register	212
Number visited	28
Number of notifications received from H.M. Inspector ..	2
Outworkers' lists received	3
Number of outworkers	8
Number of employers	3
Notice of occupation of workshops received	2
Notices served	—
Work carried out	Nil

16. WATER SUPPLY.

Number of complaints	15
Samples taken and submitted to M.O.H.	—
to Laboratory	84
Total number taken by Essex County Council and reports received	3

Water was taken in tank during 1938 to portion of Little Bentley parish.

17. SWIMMING POOLS.

Number of samples taken	4
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J. E. HALL,
Sanitary Inspector.

TENDRING RURAL DISTRICT COUNCIL.

PARISH RECORD, 1938.

Parish			Area Acres	Houses Built	Total in- habited Houses	Rate- able Value	Sum, Penny Rate	Voters	Houses on T.H. Water Main
Alresford .. ..	..	..	1434	8	109	£1832	£8	226	—
Ardleigh .. ..	..	..	5048	16	531	5943	25	1193	66
Beaumont.. ..	..	..	2670	—	125	1214	5	295	79
Bentley, Great ..	..	..	3234	1	353	3769	15	776	—
Bentley, Little ..	..	..	2094	2	84	660	3	196	—
Bradfield .. ..	..	..	2132	5	262	2975	12	589	81
Bromley, Great ..	..	..	2995	3	213	1886	8	480	—
Bromley, Little ..	..	..	1844	3	88	533	2	192	—
Clacton, Little ..	..	..	2227	3	448	6534	25	986	396
Elmstead .. ..	..	..	3711	2	304	3288	13	644	—
Frating .. ..	..	..	1185	2	83	871	3	188	—
Lawford .. ..	..	..	2710	8	487	7264	30	1137	367
Manningtree ..	..	..	22	—	179	3327	14	454	178
Mistley .. ..	..	..	2122	4	518	8706	36	1241	324
Oakley, Great ..	..	..	3225	—	237	2410	10	541	113
Oakley, Little ..	..	..	1055	10	187	1963	8	384	50
Ramsey Village ..	..	..	3903	11	246	11720	48	529	561
Parkeston .. ..	..	..			421			1050	
St. Osyth .. ..	..	..	7989	13	542	10666	42	1247	*
Tendring .. ..	..	..	2874	2	184	3509	15	445	75
Thorpe .. ..	..	..	6183	14	481	7223	29	1089	369
Thorington .. ..	..	..	2056	3	179	1860	8	383	—
Weeley .. ..	..	..	1984	14	259	3306	13	560	85
Wix .. ..	..	..	3129	2	197	2202	9	443	142
Wrabness .. ..	..	..	1095	—	133	2104	9	278	42
Total			66921	126	6850	£95765	£390	15546	2928

* There are 424 houses at St. Osyth drawing water from public main.

TENDRING RURAL DISTRICT COUNCIL.

PARISH RECORD, 1938.

		Bake-	Milk	Re-	Slaugh-	Licensed	Ice	Refuse	
		houses	Pro- ducers only	tailers only	ter houses	ter men	Cream premises	Collection	Quar-
								Weekly	terly
Alresford ..	..	1	3	3	—	—	—	—	109
Ardleigh ..	..	2	17	1	1	2	—	—	531
Beaumont ..	..	—	8	1	—	—	1	—	125
Bentley, Great	..	3	6	1	2	5	1	—	353
Bentley, Little	..	—	4	—	—	—	—	—	84
Bradfield ..	..	—	5	1	1	3	1	—	262
Bromley, Great	..	—	6	—	—	—	—	—	213
Bromley, Little	..	—	—	—	—	—	—	—	88
Clacton, Little	..	1	5	1	1	3	—	—	448*
Elmstead ..	..	1	3	1	1	2	4	—	304
Frating ..	..	—	3	—	—	—	2	—	85
Lawford ..	..	1	3	2	1	2	—	432	55
Manningtree	..	3	—	—	2	12	2	179	—
Mistley ..	..	2	5	—	—	—	1	468	50
Oakley, Great	..	2	4	—	1	3	—	—	237
Oakley, Little	..	—	3	—	—	—	1	—	187
Ramsey ..	..	1	9	—	1	5	1	—	246
Parkeston ..	..	1	—	5	—	—	4	421	—
St. Osyth ..	..	3	12	2	—	—	6	—	542*
Tendring ..	..	—	10	—	1	3	—	—	184
Thorpe ..	..	2	13	1	2	5	2	—	481*
Thorington	..	—	6	—	—	—	1	—	179
Weeley ..	..	1	7	—	—	—	3	—	259
Wix ..	..	2	3	1	1	1	—	—	197
Wrabness ..	..	—	2	—	—	—	1	—	133
Total ..	..	26	137	20	15	46	31	1500	5352

* Six collections a year.

TENDRING RURAL DISTRICT COUNCIL.

PARISH RECORD, 1938.

Infectious Disease.

		Scarlet Fever	Diph- theria	Puer- peral Pyrexia	Pneu- monia	Acute Anterior Poliomye- litis	Erysi- pelas	En- teric Fever	Dysen- tery
Alresford ..	..	—	—	—	—	—	—	—	—
Ardleigh ..	..	2	—	—	1	—	—	—	—
Beaumont ..	..	—	—	—	—	—	—	—	—
Bentley, Great	..	1	—	—	2	—	—	—	—
Bentley, Little	..	1	—	—	1	—	—	—	—
Bradfield ..	..	—	—	1	1	—	—	—	—
Bromley, Great	..	2	—	—	2	—	—	—	—
Bromley, Little	..	—	—	—	—	—	—	—	—
Clacton, Little	..	3	1	—	1	—	—	—	—
Elmstead ..	..	2	7	—	2	—	—	—	3
Frating ..	..	—	—	—	—	—	—	—	—
Lawford ..	..	1	—	1	—	5	2	—	—
Manningtree	..	1	—	2	—	2	—	—	—
Mistley ..	..	—	—	2	—	—	1	—	—
Oakley, Great	..	—	—	—	—	—	—	—	—
Oakley, Little	..	—	—	—	1	—	—	—	—
Ramsey Village	..	—	1	—	1	—	—	—	—
Parkeston ..	..	—	—	—	—	2	—	—	—
St. Osyth ..	..	1	—	—	—	—	—	—	—
Tendring ..	..	—	—	—	—	—	—	—	—
Tendring Institution		—	—	—	—	—	—	—	—
Thorpe ..	..	—	—	—	2	—	—	—	—
Thorington	..	—	—	—	—	—	—	—	—
Weeley ..	..	4	—	—	2	—	—	—	—
Wix ..	..	—	—	—	—	4	—	—	—
Wrabness ..	..	—	—	—	1	—	—	—	—
Total ..		18	9	6	17	13	3	—	3

Elmstead—1 case of Ophthalmia Neonatorum.

Section D.

Housing.

During 1938, 126 houses were built in the district by private enterprise. No Council houses were erected during the year. At the end of 1938 there were 306 empty houses in the district.

During 1937 representations with respect to 47 clearance areas comprising 234 houses were made by the M.O.H. and the Council made 34 clearance orders affecting altogether 163 houses.

Thirty-one clearance orders with a total of 142 houses were confirmed by the Ministry of Health.

The scheme for the erection of Council houses for the occupation of the displaced persons and also for abatement of overcrowding is well on the way and building will be continued in the Spring of 1939.

Below is given in tabular form particulars of the housing administration during 1938 :—

1—Inspection of Dwelling-houses during the year :—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	494
	(b)	Number of inspections made for the purpose ..	1007
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	494
	(b)	Number of inspections made for the purpose ..	1007
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	10
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation..	127

2—Remedy of defects during the year without service of formal notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	99
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3—Action under Statutory Powers during the year :—

(a).—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs ..	—
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	—
(b) By Local Authority in default of owners	—

(b).—Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	—
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	—
(b) By Local Authority in default of owners	

(c).—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	12
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	15

(d).—Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

4—Housing Act, 1936.—Part IV.—Overcrowding :—

(a).— (i) Number of dwellings overcrowded at the end of the year	51
(ii) Number of families dwelling therein	51
(iii) Number of persons dwelling therein	381
(b).—Number of new cases of overcrowding reported during the year	2
(c).— (i) Number of cases of overcrowding relieved during the year	3
(ii) Number of persons concerned in such cases ..	19
(d).—Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	Nil
(e).—Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil

Section E.

Inspection of Food.

MILK SUPPLY.

There are 137 producers and 20 retailers on the register. Full particulars of the inspections carried out are given in the Sanitary Inspector's Report.

MILK AND DAIRIES ORDERS.

As a result of the biological examinations of samples of milk carried out by the Essex County, it was found that of the 99 samples of milk taken from producers or dealers in this district between 1st January and 31st Dec., 1938, the tubercle bacillus was present in four samples. (For details see Sanitary Inspector's Report, Section C).

MEAT.

Carcases inspected and condemned :—

	Cattle, excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known) ..	—	—	—	—	—
Number inspected	210	—	29	266	1034
<i>All diseases except Tuberculosis :</i>					
Whole carcasses condemned ..	—	—	—	4	12
Carcasses of which some part or organ was condemned ..	9	—	1	1	20
Percentage of the number inspected affected with disease, other than tuberculosis ..	4 %	—	3 %	2 %	3 %
<i>Tuberculosis only :</i>					
Whole carcasses condemned ..	—	—	—	—	1
Carcasses of which some part or organ was condemned ..	7	—	—	—	32
Percentage of the number inspected affected with tuberculosis	3½ %	—	—	—	3 %

For further details see Sanitary Inspector's Report, Section C.

SHELL FISH.

During 1938 4,361,107 oysters were passed through the purification tanks at Brightlingsea. These tanks are under the control of a combined committee consisting of members of the Tendring Rural and Brightlingsea Urban District Councils.

Section F.

Prevalence of and Control Over Infectious and Other Diseases.

Below is given in tabular form the number and particulars of infectious diseases notified in the Rural District during 1938 :—

				Total cases notified	Cases admitted to hospital	Total Deaths
Small Pox	..	..	..	—	—	—
Scarlet Fever	..	..	..	18	11	—
Diphtheria	..	..	..	9	7	—
Enteric Fever	..	..	..	—	—	—
Puerperal Fever	..	..	..	—	—	—
Puerperal Pyrexia	..	..	..	6	2	—
Pneumonia	..	..	..	17	—	13
Erysipelas	..	..	..	3	—	—
Ophthalmia Neonatorum	..	..	..	1	—	—
Poliomyelitis	..	..	..	13	12	3
Cerebro-Spinal Fever	..	..	..	—	—	—
Total				67	32	16

The above figures show that the District has again been comparatively free from infectious disease with the exception of the outbreak of infantile paralysis which occurred during the latter half of 1938.

Scarlet Fever.

Excluding those cases which occurred in Weeley (4), Little Clacton (3), and Elmstead (2), this infection was confined to isolated sporadic cases scattered throughout the district.

Diphtheria.

Of the nine cases notified, seven were in Elmstead between the 14th March and the 22nd October. The remaining two cases were in Ramsey.

Whooping Cough.

Whooping Cough was very prevalent throughout the district. Although the cases were more numerous the disease was not so virulent as in the previous year. One death occurred.

Measles.

This year the District has, with the exception of Little Clacton, been free from Measles. This is in consequence of the widespread epidemic of last year which more or less affected every parish with the exception of St. Osyth, Little Bromley, Tendring and Beaumont.

Influenza.

Influenza did not affect this district to any appreciable extent during 1938.

Infantile Paralysis.

Between the 15th September and 13th November, 1938, thirteen cases of Infantile Paralysis were notified in the Tendring Rural District.

Two of these cases notified on the 22nd and 30th October respectively occurred in Parkeston (part of Ramsey), and were undoubtedly

connected with the Harwich epidemic. These children were of one family and of pre-school age. The father was a police constable employed in the Harwich Division.

Below is given particulars showing age, sex and distribution of the cases :—

No.	Age	Sex	Date of Onset	Parish	School
1	16	M	15/9/38	Wix	
2	7	F	3/10/38	Lawford	Lawford C. of E.
3	7	F	4/10/38	Lawford	Lawford C. of E.
4	5	M	4/10/38	Lawford	Lawford C. of E.
5	16	M	8/10/38	Lawford	
6	5	M	10/10/38	Wix	Wix Council
7	18	F	12/10/38	Lawford	
8	11	F	14/10/38	Manningtree	Manningtree Senior
9	25	M	13/10/38	Manningtree	
10	4	F	22/10/38	Parkeston	
11	5	M	27/10/38	Wix	Wix Council
12	1 $\frac{3}{4}$	M	30/10/38	Parkeston	
13	25	F	7/11/38	Wix	

Preventive Measures Adopted.

The preventive measures were based on the assumption that infection was present in the earliest stages of the disease, before any of the definite diagnostic symptoms or physical signs appeared, and also persons may have the infection and be capable of transmitting it to others whilst they themselves do not show evidence of the disease.

The preventive measures may be divided into:—

1. General measures carried out by the Rural District alone.
2. Measures which apply to schools and school children and require the co-operation of the School Authority, the Essex County Council.

General Measures.

On the occurrence of the first case in Wix, all contacts were carefully followed up with a view to isolating any suspicious case, and members of the family which were of school age were excluded from school. Enquiries seemed to suggest that this was a sporadic case. After an interval of three weeks, three cases were notified at Lawford on October 3rd and 4th. These were three children attending the Junior School, Lawford, and immediately prompt measures were taken.

1. The Lawford school was closed. The names and addresses of all recent absentees, together with those of the children who were most likely to have been in close contact with the cases, were obtained and were kept under observation.
2. A definite area was mapped out, consisting of portions of Ardleigh and Lawford, and this area was looked upon as infected and all children residing therein were excluded from whatever school they attended.
3. By co-operation with the various organisations, both religious and otherwise, all public meetings of young children and adolescents were cancelled. This included Sunday Schools, Girl Guides, etc.
4. Parents were advised to keep their children at home and avoid all public meetings, cinemas and public conveyances.
5. Contacts were systematically investigated.

6. A pamphlet giving simple precautionary measures to be adopted was circulated in the area. It was thought advisable not to use the local press for the purpose of propaganda. I believe the spreading of information by means of the Public Health and School Officials is sufficient in a small community and can be better localised and controlled.

These precautions were adopted for the infected area, in Ardleigh and Lawford, but it was found that the general public carried out the precautions in a much wider area, and when at the end of the epidemic Manningtree and Mistley became infected no action was necessary.

Measures adopted in connection with the Education Authority.

The same principles were followed as for the majority of infectious diseases but carried out more thoroughly.

The Tendring Rural District having a combined Medical Service, the M.O.H. of the District is also Assistant School Medical Officer, under the County Council. This proves to be a great advantage on all occasions, where close co-operation is required between the Officials of the two Authorities.

The following precautions were taken:—

1. The school in the infected area was closed. Lawford Junior as previously stated.
2. Children residing in the infected area were excluded from whatever school they attended.
The above two measures practically included all direct contacts.
3. By means of the school registers a careful scrutiny was kept on absentees in the schools kept open. If a child was kept away owing to indisposition, an investigation was made, and if there was the slightest suspicion, the child was excluded and kept under observation.
4. The pamphlet previously mentioned was also circulated through the schools. One could state with a reasonable degree of confidence that children attending the elementary schools were safer than those kept at home.

However, after every care had been taken one child (No. 8 female, aged 11) developed paralysis on Monday, October 17th. She was found to have the paralysis fully developed by a local medical practitioner. She had not complained the previous week, nor had any of the teachers noticed anything abnormal. On enquiry afterwards she admitted feeling unwell, slight headache, and vomiting on one occasion. With this calamity I advised the Council to close the school, expecting further cases amongst the children attending it. However, this girl was the last school child to contract the disease.

In the North Western Area of the 11 cases two died, and at Parkeston North Eastern Area two cases occurred of whom one died.

PREVALENCE OF NON-NOTIFIABLE INFECTIOUS DISEASES.

During 1938, 82 notices were received from head teachers relating to infectious diseases in the schools, and of these 70 referred to non-notifiable diseases, as under :—

Disease and total cases excluded	School	Dates of notices	No. of notices received	No. of children excluded	No. of children on the school register
Mumps 70	Great Oakley	10 Jan.	1	5	116
	Great Bentley	2 Nov.	1	9	225
	Tendring	10 Nov.	2	15	102
	Weeley	1 Dec.-21 Dec.	5	41	153
			<hr/> 9	<hr/> 70	
Chicken Pox 60	Great Bentley	20 Jan.-31 Jan.	2	3	229
	Little Clacton	8 Feb.	1	2	100
	St. Osyth	16 May-13 June	6	41	205
	Tendring	16 May-17 June	2	6	96
	Weeley	1 June-15 July	3	13	159
	Great Bromley	25 July	1	1	47
			<hr/> 15	<hr/> 66	
Measles 17	Little Clacton	24 Oct.-7 Nov.	3	17	112
Epidemic form of acute Non- suppurative Submaxillary and Cervical Adenitis 15	Great Bentley	15 Dec.	2	15	227
Whooping Cough 109	Mistley Norman	11 Feb.	1	1	84
	Parkeston Junior	4 Mar.-13 April	4	10	137
	Thorpe	7 Mar.	1	3	201
	Manningtree	5 May-5 July	3	18	98
	Wesleyan				
	Little Clacton	9 May	1	1	104
	Weeley	30 May	1	5	161
	Mistley Norman	8 July	1	2	84
	Manningtree C. of E.	11 July	1	3	108
	Ardleigh	24 July	1	11	150
	Great Bentley	9 Sept.	2	22	223
	Wix Junior	20 Sept.	1	4	47
	Thorington	10 Oct.-25 Nov.	5	7	134
	Thorpe	10 Oct.-17 Nov.	10	22	212
			<hr/> 32	<hr/> 109	
Various minor contagious diseases			<hr/> 9	<hr/> 29	
Total notices received of non-notifiable infectious diseases			70		
Total notices relating to notifiable diseases (not includ- ing infantile paralysis)			12		
Notices received			<hr/> 82		

TUBERCULOSIS.

Below is given in tabular form the number of new cases and the deaths from Tuberculosis during 1938 :—

		New Cases.				Deaths.			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		M.	F.	M.	F.	M.	F.	M.	F.
0— 1	..	—	—	—	—	—	—	—	—
1— 5	..	—	—	1	—	—	—	1	—
5—15	..	1	—	1	1	—	—	—	1
15—25	..	—	1	—	—	—	—	—	—
25—35	..	1	1	—	1	1	—	—	1
35—45	..	—	—	—	—	—	1	—	—
45—55	..	—	—	—	1	—	—	—	—
55—65	..	2	—	—	—	1	—	—	—
65 upwards..		—	—	—	—	—	—	—	—
Total	..	4	2	2	3	2	1	1	2
New Cases 11					Deaths 6				

The following figures give the number of cases on the Register at the end of 1938 :—

Respiratory Male	..	..	33	Non-Respiratory Male	..	13
„ Female	..	..	16	„ Female	..	16
Total, 78.						

NON-NOTIFIED TUBERCULOSIS DEATHS.

A comparison with previous years is given below :—

1932	..	..	.. 7·1 %	1935	..	..	.. Nil
1933	..	..	.. Nil	1936	..	..	.. Nil
1934	..	..	.. 18·7 %	1937	..	..	.. 11·1 %
				1938	..	..	.. 33·3 %

